

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 22 | scaffolding adj effect | USPAT | AND | ON | 2007/10/22 10:23 |
| L2 | 1 | scaffolding adj affect | USPAT | AND | ON | 2007/10/22 10:41 |
| L3 | 33 | cellulos\$3 with (polyester or polyamide or nylon) with antimony | USPAT | AND | ON | 2007/10/22 10:42 |
| L4 | 29 | (fire or flame) and (cellulos\$3 same (polyester or polyamide or nylon) with antimony) | USPAT | AND | ON | 2007/10/22 10:44 |
| L5 | 18 | (masayuki same adachi).in. | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:34 |
| L6 | 12 | (takaharu same matsumoto).in. | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:34 |
| L7 | 9 | (masanobu same tamura).in. | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:34 |
| L8 | 33 | 5 or 6 or 7 | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:34 |
| L9 | 8 | 8 and cellulos\$3 | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:35 |
| L10 | 14 | 8 and (cellulos\$3 or cotton or hemp or rayon or polynosic or cupra or acetate or triacetate) | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:35 |
| L11 | 11 | 8 and woven | US-PGPUB; USPAT | AND | ON | 2007/10/22 11:38 |
| L13 | 2 | ((coweav\$3 or co-weav\$3 or weav\$3 or woven) same antimony same cellulos\$3).clm. | US-PGPUB | AND | ON | 2007/10/22 11:42 |
| S1 | 4 | "2593985".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/10/12 15:16 |

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|-----|--------|-------------------------------|---|-----|----|---------------------|
| S2 | 4 | "2593986".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/10/12 15:22 |
| S3 | 0 | "9296335".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/10/12 15:22 |
| S4 | 2 | "09296335".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/10/12 15:23 |
| S5 | 2 | "10140478".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/10/12 15:23 |
| S6 | 17 | (masayuki same adachi).in. | US-PGPUB; USPAT | AND | ON | 2005/10/12 15:24 |
| S7 | 12 | (takaharu same matsumoto).in. | US-PGPUB; USPAT | AND | ON | 2005/10/12 15:25 |
| S8 | 7 | (masanobu same tamura).in. | US-PGPUB; USPAT | AND | ON | 2005/10/12 15:25 |
| S9 | 30 | S6 or S7 or S8 | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:17 |
| S10 | 210891 | "9" and (flame or fire) | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:18 |
| S11 | 17 | (masayuki same adachi).in. | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:17 |
| S12 | 12 | (takaharu same matsumoto).in. | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:17 |

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| S13 | 7 | (masanobu same tamura).in. | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:17 |
| S14 | 30 | S11 or S12 or S13 | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:17 |
| S15 | 13 | S14 and (flame or fire) | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:18 |
| S16 | 8 | S15 and (natural or cellulose\$3 or cotton or rayon) | US-PGPUB; USPAT | AND | ON | 2005/10/13 09:19 |
| S17 | 18 | (flame or fire) near2 (resistance\$3 or retardant\$3) with halogen with (fiber or yarn) with melt\$3 | USPAT | AND | ON | 2005/10/13 09:51 |
| S18 | 91 | (flame or fire) near2 (resistance\$3 or retardant\$3) and (fiber or yarn) with cellulose\$3 with melt\$3 | USPAT | AND | ON | 2005/10/13 09:52 |
| S19 | 29 | (flame or fire) near2 (resistance\$3 or retardant\$3) and (fiber or yarn) with cellulose\$3 with melt\$3 near2 (fiber or yarn) | USPAT | AND | ON | 2005/10/13 10:04 |
| S20 | 2 | (flame or fire) near2 (resistance\$3 or retardant\$3) and (fiber or yarn) with cellulose\$3 with melt\$3 with bicomponent | USPAT | AND | ON | 2005/10/13 09:55 |
| S21 | 41437 | (flame or fire) near2 (resistance\$3 or retardant\$3) | USPAT | AND | ON | 2005/10/13 09:55 |
| S22 | 17 | S21 and (fiber or yarn) with cellulose\$3 with bicomponent | USPAT | AND | ON | 2005/10/13 10:32 |
| S23 | 29 | (flame or fire) near2 (resistance\$3 or retardant\$3) and cellulose\$3 with (fiber or yarn) near2 melt\$3 | USPAT | AND | ON | 2005/10/13 10:05 |
| S24 | 17 | (flame or fire) near2 (resistance\$3 or retardant\$3) and cellulose\$3 near2 fiber with (fiber or yarn) near2 melt\$3 | USPAT | AND | ON | 2005/10/13 10:05 |
| S25 | 9 | S21 and (compound near2 (yarn or fiber) with cellulose\$3 and melt\$) | USPAT | AND | ON | 2005/10/13 10:33 |
| S26 | 40 | S21 and (compound near2 (yarn or fiber) with cellulose\$3 with melt\$) | USPAT | AND | ON | 2005/10/13 10:33 |
| S27 | 8 | (compound near2 (yarn or fiber) with cellulose\$3 with melt\$) | USPAT | AND | ON | 2005/10/13 10:34 |

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| S28 | 145 | ((blend\$3 or twist\$3) near2 (yarn or fiber) with cellulos\$3 with melt\$) | USPAT | AND | ON | 2005/10/13 10:34 |
| S29 | 99 | ((blend\$3 or twist\$3) near2 (yarn or fiber) with cellulos\$3 near2 (fiber or yarn or filament) with melt\$ near2 (fiber or yarn or filament)) | USPAT | AND | ON | 2005/10/13 10:36 |
| S30 | 5 | S29 and (flame or fire) near2 (resistan\$3 or retardan\$3) | USPAT | AND | ON | 2005/10/13 10:35 |
| S31 | 1 | multifilament near2 (yarn or fiber) with cellulos\$3 near2 (fiber or yarn or filament) with melt\$ near2 (fiber or yarn or filament) | USPAT | AND | ON | 2005/10/13 10:37 |
| S32 | 4 | multifilament near2 (yarn or fiber) with cellulos\$3 with melt\$ | USPAT | AND | ON | 2005/10/13 10:39 |
| S33 | 3 | multifilament near2 (yarn or fiber) with cellulos\$3 with thermoplastic | USPAT | AND | ON | 2005/10/13 10:39 |
| S34 | 1 | "20050148256".pn. | US-PGPUB | AND | ON | 2005/10/13 11:11 |
| S35 | 1 | "20050148256".pn. | US-PGPUB; USPAT | AND | ON | 2007/01/12 13:36 |
| S36 | 1 | S35 and cover\$3 | US-PGPUB; USPAT | AND | ON | 2007/01/12 13:36 |
| S37 | 123 | cellulos\$3 with nylon with (flame or fire) | USPAT | AND | ON | 2007/05/25 11:57 |
| S38 | 3 | cellulos\$3 with nylon with (flame or fire) with (improv\$3 or increas\$3 or decreas\$3) | USPAT | AND | ON | 2007/05/25 11:58 |
| S39 | 24 | cellulos\$3 with polymer\$3 with (flame or fire) with (improv\$3 or increas\$3 or decreas\$3) | USPAT | AND | ON | 2007/05/25 12:01 |
| S40 | 117 | nylon with (flame or fire) with (improv\$3 or increas\$3 or decreas\$3) | USPAT | AND | ON | 2007/05/25 12:02 |
| S41 | 60 | nylon with (flame or fire) near2 (improv\$3 or increas\$3 or decreas\$3) | USPAT | AND | ON | 2007/05/25 12:04 |
| S42 | 800 | nylon with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:04 |
| S43 | 49 | nylon near2 (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:05 |
| S44 | 17 | (nylon adj ("6" or "66")) near2 (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:08 |

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| S45 | 10 | cellulose with (nylon adj ("6" or "66")) with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:11 |
| S46 | 1 | "6335093".pn. | USPAT | AND | ON | 2007/05/25 12:11 |
| S47 | 0 | S46 and (fire or flame) | USPAT | AND | ON | 2007/05/25 12:11 |
| S48 | 1 | S46 and (fire or flame or heat\$3) | USPAT | AND | ON | 2007/05/25 12:11 |
| S49 | 3 | cellulose with polymer\$3 near2 melt\$3 with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:12 |
| S50 | 149 | polymer\$3 near2 melt\$3 with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:12 |
| S51 | 30 | cellulos\$3 and polymer\$3 near2 melt\$3 with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:16 |
| S52 | 0 | yarn with cellulos\$3 and polymer\$3 near2 melt\$3 with (flame or fire) adj (resistant or retardant) | USPAT | AND | ON | 2007/05/25 12:13 |
| S53 | 144 | cellulos\$3 with (polymer or polyamide) with bicomponent | USPAT | AND | ON | 2007/05/25 12:16 |
| S54 | 0 | cellulos\$3 with (polymer or polyamide) with bicomponent withmelt\$3 | USPAT | AND | ON | 2007/05/25 12:16 |
| S55 | 40 | cellulos\$3 with (polymer or polyamide) with bicomponent with melt\$3 | USPAT | AND | ON | 2007/05/25 12:17 |
| S56 | 0 | cellulos\$3 with (polymer or polyamide) with bicomponent with melt\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 12:17 |
| S57 | 0 | cellulos\$3 with (polymer or polyamide) with bicomponent with (fire or flame) | USPAT | AND | ON | 2007/05/25 12:17 |
| S58 | 374 | cellulos\$3 with (polymer or polyamide) with (fire or flame) | USPAT | AND | ON | 2007/05/25 12:17 |
| S59 | 9 | cellulos\$3 with (polyamide) with bicomponent and (fire or flame) | USPAT | AND | ON | 2007/05/25 12:18 |
| S60 | 69 | cellulos\$3 with (polyamide) with composite and (fire or flame) | USPAT | AND | ON | 2007/05/25 12:19 |
| S61 | 3 | yarn with cellulos\$3 with (polyamide) with composite and (fire or flame) | USPAT | AND | ON | 2007/05/25 12:19 |
| S62 | 0 | inomez near2 melting adj temperature | USPAT | AND | ON | 2007/05/25 13:43 |

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| S63 | 0 | nomex near2 (melting adj temperature) | USPAT | AND | ON | 2007/05/25 13:43 |
| S64 | 4 | nomex with (melting adj temperature) | USPAT | AND | ON | 2007/05/25 13:45 |
| S65 | 1 | "4868041".pn. | USPAT | AND | ON | 2007/05/25 13:45 |
| S66 | 0 | S65 and melt\$3 | USPAT | AND | ON | 2007/05/25 13:45 |
| S67 | 0 | (polyparabenzamide or polyparaphenyleneterephthalamide) with (melting adj temperature) | USPAT | AND | ON | 2007/05/25 13:46 |
| S68 | 0 | (polyorthophenylenephthalamide or polymetaphenylenephthalamide or polyparaphenylenephthalamide or polyorthophenyleneisophthalamide or polymetaphenyleneisophthalamide or polyparaphenyleneisophthalamide or polyorthophenyleneterephthalamide or polymetaphenyleneterephthalamide) with (melting) | USPAT | AND | ON | 2007/05/25 13:46 |
| S69 | 31 | (composite or compound or bicomponent) near2 yarn and (cellulos\$3 with melt\$3) | USPAT | AND | ON | 2007/05/25 14:03 |
| S70 | 8 | (composite or compound or bicomponent) near2 yarn and (cellulos\$3 with melt\$3) and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:03 |
| S71 | 9 | yarn with (cellulos\$3 with melt\$3) and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:05 |
| S72 | 9 | yarn with (cellulos\$3 with melt\$3) and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:05 |
| S73 | 11 | yarn with (polyamide with melt\$3) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:08 |
| S74 | 407 | (cellulos\$3 with polymer\$3) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:13 |
| S75 | 0 | yarn near2 (compound or composiye) with (cellulos\$3 with polymer\$3) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:13 |

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| \$76 | 0 | yarn near2 (compound or composite) with (cellulos\$3 with polymer\$3) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:14 |
| \$77 | 2 | (composite or compound) adj yarn with cellulos\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:16 |
| \$78 | 0 | (bicomponent) adj yarn with cellulos\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:15 |
| \$79 | 0 | (bicomponent) adj yarn with (cellulos\$3 with (fire or flame)) | USPAT | AND | ON | 2007/05/25 14:15 |
| \$80 | 0 | (bicomponent) with (cellulos\$3 with (fire or flame)) | USPAT | AND | ON | 2007/05/25 14:15 |
| \$81 | 0 | (bicomponent) with cellulos\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:15 |
| \$82 | 1846 | cellulos\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:15 |
| \$83 | 0 | (composite or compound) adj yarn with cotton with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:16 |
| \$84 | 82 | polymer\$3 with cotton with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:17 |
| \$85 | 3 | yarn with polymer\$3 with cotton with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:17 |
| \$86 | 3 | yarn with polymer\$3 with rayon with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:18 |
| \$87 | 7 | yarn with polyamide with rayon with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:21 |
| \$88 | 7 | polyamide with (melt\$3 adj temperature) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:25 |
| \$89 | 24 | polymer\$3 with (melt\$3 adj temperature) with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:26 |
| \$90 | 63 | polymer\$3 with melt\$3 with coat\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:27 |
| \$91 | 1 | cellulos\$3 with polymer\$3 with melt\$3 with coat\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:26 |
| \$92 | 13 | polymer\$3 with melt\$3 near2 coat\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:29 |
| \$93 | 0 | polymer\$3 with melt\$3 near2 coat\$3 with cellulos\$3 and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:29 |

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| S94 | 18 | nylon with melt\$3 with cellulos\$3 and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:32 |
| S95 | 1736 | nylon with cellulos\$3 and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:32 |
| S96 | 48 | yarn with nylon with cellulos\$3 and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:32 |
| S97 | 6 | yarn with nylon with cellulos\$3 with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:34 |
| S98 | 3 | yarn with nylon near2 cellulos\$3 and (fire or flame) | USPAT | AND | ON | 2007/05/25 14:34 |
| S99 | 13 | yarn with nylon with cotton with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:36 |
| S100 | 15 | yarn with (nylon adj "6" or "66") with (fire or flame) | USPAT | AND | ON | 2007/05/25 14:37 |
| S101 | 1 | "5587118".pn. | USPAT | AND | ON | 2007/05/25 14:40 |
| S102 | 1 | S101 and (flame or fire) | USPAT | AND | ON | 2007/05/25 14:40 |

10/22/07 11:45:09 AM

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